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W/H TOLERANCE				
DIA / CLASSIFICATION	MAIN WIRE	BRANCH WIRE	SHIELD WIRE	
UP TO 0.5	± 1.0	± 0.5	± 1.0	± 1.0
0.51 AND 1.00	± 2.0	± 1.0	± 3.0	± 3.0
1.01 TO 5.00	± 3.0	± 2.0	± 5.0	± 5.0
5.01 TO 10.00	± 5.0	± 3.0	± 10.0	± 10.0
10.01 TO 20.00	± 10.0	± 5.0	± 15.0	± 15.0
20.01 AND ABOVE	± 15.0	± 10.0	± 20.0	± 20.0
	1.5%	1.0%	2.0%	2.0%

ALL DIMENSIONS ARE IN MM
UNLESS OTHERWISE SPECIFIED
DO NOT SCALE THE DRG.
IF IN DOUBT, ASK

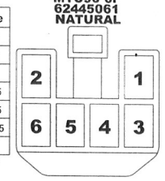
ISSUE	REVISION RECORD	DATE
'00'	ORIGINAL ISSUE	
'01'	1. NUETRAL & PTO SW SUPPLY CHANGED 2. NOTES UPDATED 3. CKT 29A & 29B SIZE CHANGED FROM 0.5 TO 0.75 4. CKT 3A SIZE CHANGED FROM 0.5 TO 1.0 5. CKT 40G SIZE CHANGED FROM 0.75 TO 1.0 6. M&M PART NO CHANGED TO E007702831C91	13/12/2013
'02'	1. 49150000 REMOVED FROM W/H CENTRAL CONN.	06/01/2014

W/H FENDER RH

Pin No.	Ckt No.	Col.	Size
1	27C	R	0.5
1	27D	R	0.5
2	40E	B	1
3	15C	G/R	0.75
4	31C	G	0.75
5	29C	R/G	0.75
6	-	-	-

62445061 : MTO90 6F : 1.0

MTO90 6F
62445061
NATURAL



EARTH

Pin No.	Ckt No.	Col.	Size
1	40H	B	1.5

81102102 : LA 210-2 : 1.0

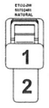
Part No.	Part Desc.	Qty.
38870600	HEAT SHRINK 6.0/3.0 FR TUBE	30

REG PLATE LAMP

Pin No.	Ckt No.	Col.	Size
1	27B	R	0.5
1	27C	R	0.5
2	40F	B	0.5

60702481 : ETO2-2W : 1.0

ETO2-2W NATURAL



NEUTRAL SW

Pin No.	Ckt No.	Col.	Size
1	30A	B/Y	0.5

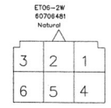
19001693 : CAP AMP 154719-0(1FB) : 1.0

NEUTRAL SW 1

Pin No.	Ckt No.	Col.	Size
1	50	B/Y	0.5

19001693 : CAP AMP 154719-0(1FB) : 1.0

ETO6-2W
60706481
Natural



TRAILOR SOCKET

Pin No.	Ckt No.	Col.	Size
1	15B	G/R	0.75
2	27B	R	0.5
3	14B	G/L	0.5
4	-	-	-
5	40D	B	0.5
6	31B	G	0.75

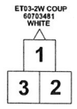
60706481 : ETO6-2W : 1.0

MUSIC

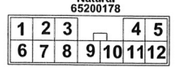
Pin No.	Ckt No.	Col.	Size
1	40G	B	1
2	3A	W/R	1
3	1A	W	1

60703481 : ET03-2W COUP : 1.0

ET03-2W COUP
60703481
WHITE



MT090-12M
Natural
65200178



W/H CENTRAL

Pin No.	Ckt No.	Col.	Size	Pin No.	Ckt No.	Col.	SIze
1	1A	W	1	7	26A	Gr	0.5
2	27A	R	0.75	8	31A	G	0.75
3	14A	G/L	0.5	9	-	-	-
4	15A	G/R	0.75	10	-	-	-
5	3A	W/R	1	11	30A	B/Y	0.5
6	40A	B	1.5	12	29A	R/G	0.75

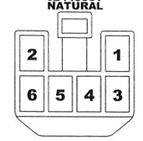
65200178 : MTO90 12M : 1.0

W/H FENDER LH

Pin No.	Ckt No.	Col.	Size
1	27E	R	0.5
2	40C	B	1
3	14C	G/L	0.5
4	31D	G	0.75
5	29B	R/G	0.75
6	-	-	-

62445061 : MTO90 6F : 1.0

MTO90 6F
62445061
NATURAL



49150000 : F/A LABEL : 1.0

RED TAPE

ETO2-2W-B
60703482
Black

FUEL SENSOR

Pin No.	Ckt No.	Col.	Size
1	26A	Gr	0.5
2	40J	B	0.5

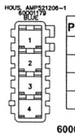
60702482 : ETO2-2W-B : 1.0

PTO SWITCH

Pin No.	Ckt No.	Col.	Size
1	-	-	-
2	40B	B	0.5
3	50	B/Y	0.5
4	-	-	-

60001179 : HOUS AMP 521206-1 : 1.0

HOUS_AMP521206-1
60001179
BLUE



MAHINDRA & MAHINDRA
TRACTOR DIVISION.
MUMBAI - 400 101.
APPROVED BY: NVKelly / NKP / NVC
DATE: 17/02/14
PART NO: E007702831C91

C/L No	-		
E/R No.	ER13C00 02462		

Multicore	Ckt No.	Size	Col.	From (A)	Pin No. (A)	To (B)	Pin No. (B)
	1A	1	W	W/H CENTRAL	1	MUSIC	3
	3A	1	W/R	W/H CENTRAL	5	MUSIC	2
	14A	0.5	G/L	SP020	R	W/H CENTRAL	3
	14B	0.5	G/L	SP020	R	TRAILOR SOCKET	3
	14C	0.5	G/L	SP020	L	W/H FENDER LH	3
	15A	0.75	G/R	SP010	L	W/H CENTRAL	4
	15B	0.75	G/R	SP010	R	TRAILOR SOCKET	1
	15C	0.75	G/R	SP010	R	W/H FENDER RH	3
	26A	0.5	Gr	W/H CENTRAL	7	FUEL SENSOR	1
	27A	0.75	R	SP030	L	W/H CENTRAL	2
	27B	0.5	R	REG PLATE LAMP	1	TRAILOR SOCKET	2
	27C	0.5	R	W/H FENDER RH	1	REG PLATE LAMP	1
	27D	0.5	R	SP030	R	W/H FENDER RH	1
	27E	0.5	R	SP030	R	W/H FENDER LH	1
	29A	0.75	R/G	SP060	R	W/H CENTRAL	12
	29B	0.75	R/G	SP060	R	W/H FENDER LH	5
	29C	0.75	R/G	SP060	R	W/H FENDER RH	5
	30A	0.5	B/Y	NEUTRAL SW	1	W/H CENTRAL	11
	31A	0.75	G	SP040	L	W/H CENTRAL	8
	31B	0.75	G	SP040	R	TRAILOR SOCKET	6
	31C	0.75	G	SP040	R	W/H FENDER RH	4
	31D	0.75	G	SP040	L	W/H FENDER LH	4

Multicore	Ckt No.	Size	Col.	From (A)	Pin No. (A)	To (B)	Pin No. (B)
	40A	1.5	B	SP051	L	W/H CENTRAL	6
	40B	0.5	B	SP052	L	PTO SWITCH	2
	40C	1	B	SP052	R	W/H FENDER LH	2
	40D	0.5	B	SP050	R	TRAILOR SOCKET	5
	40E	1	B	SP051	X	W/H FENDER RH	2
	40F	0.5	B	SP050	R	REG PLATE LAMP	2
	40G	0.75	B	SP050	R	MUSIC	1
	40H	1.5	B	SP050	R	EARTH	1
	40J	0.5	B	SP051	L	FUEL SENSOR	2
	40X	1.5	B	SP051	R	SP050	L
	40XX	1	B	SP051	R	SP052	X
	50	0.5	B/Y	PTO SWITCH	3	NEUTRAL SW 1	1

NOTES:-
1. VIEW OF ALL MULTIPOLE CONNECTORS ARE SHOWN FROM THE WIRE INSERTION SIDE.
2. ALL WIRES ARE FLRY-B AS PER ISO 6722 CLASS B (MSSL MAKE)
3. BRANCH DIMENSIONS ARE FROM CENTER OF NODE UP TO REAR END OF CONNECTOR & CENTER OF EYELET.
4. ALL JOINTS SHOULD BE COVERED WITH ADHESIVE LINE HEAT SHRINK TUBE.
5. SPIRAL TAPING INSIDE & POINT TAPING BY PVC BLACK TAPE OVER CORRUGATED TUBE AT A REGULAR INTERVAL OF APPROX 150MM.
6. ENDS OF CORRUGATED TUBE OR SLEEVE TO BE FIXED WITH BLACK PVC TAPE.
7. SUITABLE SIZE CORRUGATED TUBE OF FR GRADE (100 DEG) TO BE USED (MSSL MAKE).

COLOR CODE	
COLOR CODE	COLOR DESCRIPTION
B	BLACK
Br	BROWN
Ch	CHOCOLATE
Dg	DARK GREEN
G	GREEN
L	BLUE
Lg	LIGHT GREEN
O	ORANGE
P	PINK
R	RED
Sb	SKY BLUE
V	VOILET
W	WHITE
Y	YELLOW
Gr	GREY

CHS INSULATION SYMBOLS

S.NO	SYMBOLS	SYMBOLS DESCRIPTION
1		REFERANCE POINT OF THE HARNESS (DATUM NODE)
2		NODE
3		NODE WITH CONNECTOR
4		NODE WITH CONNECTOR (AS ROUTED w DWESS TAPE)
5		SPLICE NODE
6		POINT (SPOT) TAPE
7		ROUGH SPIRAL TAPING (SYSTEM GENERATED)
8		FULL TAPING(TUBE_3) AS TUBE_3 SYSTEM GENERATED
9		CORRUGATED TUBE
10		CORRUGATED TUBE WITH OVERLAP TAPE
11		CLOTH TAPE SYSTEM GENERATED CLOTH_TUBE)
12		WATERPROOF HOUSING WITH WIRE SEAL
13		WATERPROOF HOUSING WITH CAVITY PLUG

S.NO	SYMBOLS	SYMBOLS DESCRIPTION
14		PVC (VTB) TUBE (SYSTEM GENERATED)
15		PVC (VTB) TUBE-SLIT WITH OVERLAP(FULL) TAPE
16		PVC PROTE (MANUAL UPSTHED-BROWN LINE)
17		FOR TWIST TUBE (MANUALLY UPDTAED)
18		RING TERMINAL (S-INDICATE STUD DIA)
19		CAVITY FOR FEMALE HOUSING
20		CAVITY FOR MALE HOUSING
21		SPIRAL TAPE + COT TUBE + OVERLAP TAPE
22		SPIRAL TAPE + COT TUBE + SPACE TAPE
23		SPIRAL TAPE + COT TUBE + SPIRAL TAPE
24		SPACE TAPE
25		BARE

		Customer	Mahindra & Mahindra
QTY./SET	ONE	W/H Code	MH1816BA
SCALE	N.T.S.	Customer No.	E007702831C91
DATE	06/01/2014	Project Name	8000 4WD 80HP TRACTOR
DRAWN	CHECKED / APPROVED	Part Name	W/H PLATFORM
PALLAVI	VIJAY / ARBIND	Reference No.	
		NO. OF WIRES	REFER WIRE TABLE
HARNESS STATUS	Draft	HARNESS DATUM VALUE	Back
THIRD ANGLE PROJECTION		MOTHERSON SUMI SYSTEMS LIMITED NOIDA-DISTT.G.B. NAGAR(U.P.)-INDIA	
SHEET SIZE A0	NO. OF SHEET 01 OF 01	FORM NO. FRM/RD/24 REV. NO. 03	